

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	3	((("5694578") or ("5652874") or ("6282699"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/21 14:09
S1	3	((("5674578") or ("5652874") or ("6282699"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/21 14:09
S3	2	("5694578").URPN.	USPAT	OR	ON	2007/09/21 14:42
S5	1250	(717/113,137,140).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/21 15:55

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S4	50	(US-20050137852-\$ or US-20020105660-\$ or US-20060259776-\$ or US-20040249644-\$ or US-20030074286-\$ or US-20040024897-\$ or US-20050094875-\$ or US-20050138222-\$ or US-20070208768-\$ or US-20060259909-\$ or US-20030182414-\$ or US-20060130046-\$ or US-20010040485-\$ or US-20020133788-\$ or US-20020152268-\$ or US-20030174129-\$ or US-20040143801-\$ or US-20040196481-\$ or US-20040199524-\$ or US-20060107229-\$ or US-20070192772-\$ or US-20030182450-\$ or US-20040158824-\$ or US-20060010375-\$ or US-20070113218-\$ or US-20030097445-\$).did. or (US-20030168508-\$ or US-20030009452-\$ or US-20030174765-\$ or US-20050060340-\$ or US-20060242172-\$ or US-20070043762-\$ or US-20070150241-\$).did. or (US-6831999-\$ or US-6546549-\$ or US-5471398-\$ or US-5812122-\$ or US-7127520-\$ or US-7266238-\$ or US-4780685-\$ or US-5590271-\$ or US-6701501-\$ or US-6760037-\$ or US-6799211-\$ or US-4698785-\$ or US-6081278-\$ or US-6973465-\$ or US-7149964-\$ or US-6990497-\$ or US-7092946-\$).did.	US-PGPUB; USPAT	OR	ON	2007/09/21 15:55
S8	85	S6 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 15:58
S7	5515	data adj transformation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 15:58

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S11	3	S7 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 16:05
S9	2703	(717/106-109,113,137,140).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/21 16:05
S6	5399	((717/106-109,113,137,140) or (707/4)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/21 16:05
S13	43	S10 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 16:30
S12	3671	visual same (text source) with code	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/21 16:30
S10	319	(717/113).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/21 16:30
S15	1423	transformation adj module	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 14:05
S14	2703	(717/106-109,113,137,140).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/24 14:05
S16	8	S14 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 14:06
S17	4	(US-6993717-\$ or US-6546549-\$ or US-5911070-\$ or US-6662356-\$).did.	USPAT	OR	ON	2007/09/25 14:54
S20	5406	((717/106-109,113,137,140) or (707/4)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/25 14:56
S19	386	text\$3 with (conver\$4 tranform\$5 import\$3) with visual\$3	USPAT	OR	ON	2007/09/25 14:56

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S18	3	text\$3 near source with (conver\$4 tranform\$5 import\$3) with visual\$3	USPAT	OR	ON	2007/09/25 14:56
S21	9	S19 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 15:33
S22	335	name with entr\$3 with registry	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 15:34
S25	0	S20 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 16:19
S24	310	two with transformation with module	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 16:19
S23	14	name with entr\$3 with registry with retriev\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 16:19
S29	12	S20 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 16:20
S28	3	S20 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 16:20
S27	783	two near step with transformation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 16:20

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S26	1	two near step with transformation with module	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 16:20
L4	7	(US-6993717-\$ or US-6546549-\$ or US-5911070-\$ or US-6662356-\$ or US-5421008-\$ or US-6032144-\$ or US-5694578-\$).did.	USPAT	OR	ON	2007/09/26 14:39


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1 [Impact of Data Transformations on Memory Bank Locality](#)

M. Kandemir

 February 2004 **Proceedings of the conference on Design, automation and test in Europe - Volume 1 DATE '04**

Publisher: IEEE Computer Society

Full text available: pdf(149.15 KB)

 Additional Information: [full citation](#), [abstract](#), [index terms](#)

High-energy consumption presents a problem for sustainable clock frequency and deliverable performance. In particular, memory energy consumption of array-intensive applications can be overwhelming due to poor cache locality. One option for reducing memory energy is to adopt a banked memory architecture, where memory space is divided into banks and each bank can be powered down if it is not in active use. An important issue here is the bank access pattern, which determines opportunities for saving ...

2 [Reducing energy consumption of multiprocessor SoC architectures by exploiting memory bank locality](#)

Mahmut Taylan Kandemir

 April 2006 **ACM Transactions on Design Automation of Electronic Systems (TODAES)**, Volume 11 Issue 2

Publisher: ACM Press

Full text available: pdf(1.05 MB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The next generation embedded architectures are expected to accommodate multiple processors on the same chip. While this makes interprocessor communication less costly as compared to traditional high-end parallel machines, it also makes off-chip requests very costly. In particular, frequent off-chip memory accesses do not only increase execution cycles but also increase overall power consumption. One way of alleviating this power problem is to divide the off-chip memory into multiple banks, each ...

Keywords: Banked memory systems, bank locality, compiler optimization, energy consumption, multiprocessor SoC

3 [Student tracking and personalization: Visualising student tracking data to support instructors in web-based distance education](#)

Riccardo Mazza, Vania Dimitrova

 May 2004 **Proceedings of the 13th international World Wide Web conference on Alternate track papers & posters WWW Alt. '04**

Publisher: ACM Press

Full text available: pdf(340.17 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper presents a novel approach of using web log data generated by course management systems (CMS) to help instructors become aware of what is happening in distance learning classes. Specifically, techniques from Information Visualization are used to graphically render complex, multidimensional student tracking data collected by CMS. A system, called CourseVis, illustrates the proposed approach. Graphical representations from the use of CourseVis to visualise data from a java on-line distan ...

Keywords: Web-based distance education, information visualization, student tracking

4 [Text-hypertext mutual conversion and hypertext interchange through SGML](#)

Min Zheng, Roy Rada

 December 1993 **Proceedings of the second international conference on Information and knowledge management CIKM '93**


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1 [Industrial, applications, and experience sessions: Industry 2: Decision support: The making of TPC-DS](#)

Raghunath Othayoth, Meikel Poess

 September 2006 **Proceedings of the 32nd international conference on Very large data bases VLDB '06**

Publisher: VLDB Endowment

 Full text available: [pdf\(658.32 KB\)](#)

 Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

For the last decade, the research community and the industry have used TPC-D and its successor TPC-H to evaluate performance of decision support technology. Recognizing a paradigm shift in the industry the Transaction Processing Performance Council has developed a new Decision Support benchmark, TPC-DS, expected to be released this year. From an ease of benchmarking perspective it is similar to past benchmarks. However, it adjusts for new technology and new approaches the industry has embarked o ...

2 [Contributions: focus: new visualization techniques: Rivet: a flexible environment for computer systems visualization](#)

Robert Bosch, Chris Stolte, Diane Tang, John Gerth, Mendel Rosenblum, Pat Hanrahan

 February 2000 **ACM SIGGRAPH Computer Graphics**, Volume 34 Issue 1

Publisher: ACM Press

 Full text available: [pdf\(1.25 MB\)](#)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Rivet is a visualization system for the study of complex computer systems. Since computer systems analysis and visualization is an unpredictable and iterative process, a key design goal of Rivet is to support the rapid development of interactive visualizations capable of visualizing large data sets. In this paper, we present Rivet's architecture, focusing on its support for varied data sources, interactivity, composition and user-defined data transformations. We also describe the challenges of i ...

3 [What storytelling can do for information visualization](#)

Nahum Gershon, Ward Page

 August 2001 **Communications of the ACM**, Volume 44 Issue 8

Publisher: ACM Press

 Full text available: [pdf\(157.19 KB\)](#) [html\(33.06 KB\)](#)

 Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)

4 [Practitioner reports: "Honey, i shrunk the types": how behavioral types loose relevance on the edges on OO applications and why a core data fabric is useful for adaptability](#)

John Kuriakose

 October 2005 **Companion to the 20th annual ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications OOPSLA '05**

Publisher: ACM Press

 Full text available: [pdf\(232.31 KB\)](#)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

OO Programs are built by first defining User Types within the language environment and then realizing program requirements by using the behavior defined by these Types. We argue against defining types to deal with every scenario. OO Programs within an enterprise have to deal with the non-OO world that includes RDBMS, other Applications, and humans etc. On these EDGES that OO programs interact with the non-OO world we have observed that there is little respect for Types and behavior while the requi ...

Keywords: core data representation, data driven programming, dynamic data model, enterprise data fabric, enterprise data repository, reflective data API



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Wang Jin; Li Xinran; Su Sheng;
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29 Nov.-2 Dec. 2005 Page(s):1058 - 1063 Vol. 2
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